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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8

Application Number	10/688,057 [9210]
Filing Date	10/17/2003
First Named Inventor	TOZER, Eileen
Art Unit	1645
Examiner Name	unknown
Attorney Docket Number	1280-38

ENCLOSURES (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Statement under 37 CFR 3.73b (1 page) |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | Assignment documents |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Sent via fax to OIPE at (703) 746-4060 | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Diane M. Tsuda		
Signature			
Date	May 6, 2004		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Diane M. Tsuda		
Signature		Date	May 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT
Attorney Docket No.: 1280-38

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tozer et al. Art Unit: 1645
Application No.: 10/688,057 Examiner: unknown
Filed: October 17, 2003 Confirmation No.: 9210
Title: HIGH THROUGHPUT SCREENING OF LIBRARIES

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE

Sir:

As a below named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of the assignee to prosecute the Application and to transact all business in the United States Patent and Trademark Office connected therewith:

Customer Number: 29062

Direct all telephone calls to:
Diane M. Tsuda
Telephone (858) 526-5000
Attorney Direct Line (858) 526-5381

Address all correspondence to:
Diane M. Tsuda
Diversa Corporation
4955 Directors Place
San Diego, CA 92121

DIVERSA CORPORATION
a Delaware corporation

By: *Carolyn Erickson*

Name: Carolyn Erickson

Title: Vice President, Intellectual Property

Date: May 6, 2004

1280-38.POA

PTO/SE/96 (08-03)

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Diversa Corporation

Application No./Patent No.: 10/688,057 Filed/Issue Date: 10/17/03

Entitled: High Throughput for Screening of Libraries

Diversa Corporation, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

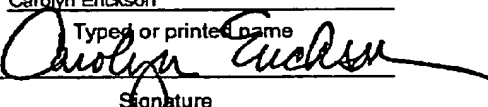
☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 5, 2004
Date
(858) 526-5000
Telephone number

Carolyn Erickson
Typed or printed name

Signature
Vice President, Intellectual Property
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No: 1280-38US
 United States Patent Application No. 10/688,057
 Assignment
 Page 1 of 2

ASSIGNMENT

For valuable consideration, we, EILEEN TOZER of 3582 Torrey View Court, San Diego, CA 92130, FEIYU ZHANG of 2739 Caminito Verdugo, Del Mar, CA 92014, DENISE WYBORSKI of _____, JONATHAN MOORE of _____, ~~700 So 62nd Ave Apt. 1154 Ft. Lauderdale, FL 33209~~ GERHARD FREY of 13768 Via Cima Bella, San Diego, CA 92129, STEFAN ANDRAE of _____, and MARTIN KELLER of 13609 Freeport Road, San Diego, CA 92129, hereby assign to: Diversa Corporation, a Delaware corporation having a place of business at:

4955 Directors Place
 San Diego, CA 92121-1609


and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention(s) and improvement(s) which are subject of an application for United States Patent signed by us, entitled, HIGH THROUGHPUT FOR SCREENING OF LIBRARIES, filed October 17, 2003, and assigned U.S. Serial Number 60/688,057; and we authorize and request the attorney(s) appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of future related applications when known and to insert on this Assignment any further identification, including any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and we authorize and request the attorney(s) appointed in said application to hereafter insert the filing date(s) and serial number(s) of related continuations, divisionals, continuations-in-part (CIPs), reissues, re-examinations, and international applications when known. This assignment includes the application(s) cited herein and any and all related United States patent applications, including divisionals, reissues, re-examinations, continuations, CIPs, any and all United States and foreign patents, utility models, and design registrations granted for any of said invention(s) or improvement(s), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize

the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said invention(s) and improvement(s); and we agree for ourselves and our respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____
 _____ L.S.
 EILEEN TOZER

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____
 _____ L.S.
 FEIYU ZHANG

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____
 _____ L.S.
 DENISE WYBORSKI

IN WITNESS WHEREOF, I hereto set my hand and seal at Gainesville, FL,
 this thirteenth day of April, 2004
 _____ L.S.
 JONATHAN MOORE

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____
 _____ L.S.
 GERHARD FREY

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____



Attorney Docket No: 1280-38US
 United States Patent Application No. 10/688,057
 Assignment
 Page 1 of 2

ASSIGNMENT

For valuable consideration, we, EILEEN TOZER of 3582 Torrey View Court, San Diego, CA 92130, FEIYU ZHANG of 2739 Caminito Verdugo, Del Mar, CA 92014, DENISE WYBORSKI of 6171 Rancho Mission Rd #315, SD, CA 92108, JONATHAN MOORE of _____, GERHARD FREY of 13768 Via Cima Bella, San Diego, CA 92129, STEFAN ANDRAE of 390 Stratford Ct #8, Del Mar, CA 92014, and MARTIN KELLER of 13609 Freeport Road, San Diego, CA 92129, hereby assign to: Diversa Corporation, a Delaware corporation having a place of business at:

4955 Directors Place
 San Diego, CA 92121-1609

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention(s) and improvement(s) which are subject of an application for United States Patent signed by us, entitled, HIGH THROUGHPUT FOR SCREENING OF LIBRARIES, filed October 17, 2003, and assigned U.S. Serial Number 60/688,057; and we authorize and request the attorney(s) appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of future related applications when known and to insert on this Assignment any further identification, including any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and we authorize and request the attorney(s) appointed in said application to hereafter insert the filing date(s) and serial number(s) of related continuations, divisionals, continuations-in-part (CIPs), reissues, re-examinations, and international applications when known. This assignment includes the application(s) cited herein and any and all related United States patent applications, including divisionals, reissues, re-examinations, continuations, CIPs, any and all United States and foreign patents, utility models, and design registrations granted for any of said invention(s) or improvement(s), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize

the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said invention(s) and improvement(s); and we agree for ourselves and our respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,
 this 2nd day of April, 2004
Eileen Tozer L.S.
 EILEEN TOZER

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,
 this 20th day of April, 2004
Feiyu Zhang L.S.
 FEIYU ZHANG

IN WITNESS WHEREOF, I hereto set my hand and seal at SAN DIEGO, CA,
 this 5th day of April, 2004
Denise Wyborski L.S.
 DENISE WYBORSKI

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
 this _____ day of _____, 20____
 _____ L.S.
 JONATHAN MOORE

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,
 this 2nd day of April, 2004
Gerhard Frey L.S.
 GERHARD FREY

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,
 this 6th day of April, 2004

Stefan Andrae L.S.
STEFAN ANDRAE

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,

this 9 day of April, 2004

Mart Keller L.S.
MARTIN KELLER